

EPISODIC CONTROL PROGRAM - FACT SHEET
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GENERAL INFORMATION

Name of Respondent (Title): _____

Area of Expertise: _____

Agency Affiliation: _____

Phone #: _____ **E-mail:** _____

Names of Additional Contacts: _____

BASIC PROGRAM INFORMATION

1) Program Name: _____

2) Geographic Area of Coverage

Cities/State: _____

Counties: _____

Attainment Status (CO / PM10 / O3): _____

3) Implementing Agency/Agencies: _____

4) Program History

Start Date: _____ **End Date:** _____

Implementation Milestones (i.e., program phases or major changes in the program) : _____

- 5) **If the program name includes the word ozone (i.e., Ozone Alert Program), has this been a source of confusion for participants?** (For example, participants may mistake ambient ozone with the ozone layer in the upper atmosphere causing a misunderstanding about the nature of the problem.)

- ☐ The program name *does not* include the word “ozone”. *(Skip to Question 7)*
- ☐ The program name does include the word “ozone” but this *has not* been confusing to participants. *(Skip to Question 7)*
- ☐ The program name does include the word “ozone” and this *has* been confusing to participants.

- 6) **If the word ozone in the program name has been a source of confusion, please specify all actions being taken to solve this problem.** *(Check all that apply.)*

- ☐ No actions are being taken. ☐ Change program name
- ☐ Increase public outreach to educate the public about the difference between ambient ozone (smog) and the ozone layer.
- ☐ Other *(Please specify)*: _____

PROGRAM SPECIFICS

7) Program Design

- 7a) Stated Program Goals *(Please check all that apply and rank the three most important, with 1 being the most important and 3 being the least):*

- | | |
|--|-------------|
| <input type="radio"/> Public education | rank: _____ |
| <input type="radio"/> To attain air quality standards (NAAQS) | rank: _____ |
| <input type="radio"/> To meet specific emission reduction targets | rank: _____ |
| <input type="radio"/> Congestion management | rank: _____ |
| <input type="radio"/> Economic benefits to the area of staying in attainment | rank: _____ |
| <input type="radio"/> Health benefits | rank: _____ |
| <input type="radio"/> To maintain the attainment status of the area | rank: _____ |
| <input type="radio"/> Other <i>(Please specify)</i> : _____ | |
| _____ | |

The following questions ask about specific actions that can be taken by program participants to reduce emissions from mobile, area and stationary sources. While many of the choices provided may be effective means to reduce emissions, *please choose only those which are explicitly recommended by the program.*

7b) Specific Travel-Related Suggestions Made to the General Public on Pollution Episode Days (Check all that apply.):

- ☐ No travel-related suggestions are being made
- ☐ Avoid driving at lunch time (take lunch to school or work)
- ☐ Use alternative modes of transportation (car/vanpools, transit, etc) instead of driving alone
- ☐ Keep vehicle tuned-up
- ☐ Combine multiple auto trips throughout the day
- ☐ Work from home (telecommute)
- ☐ Avoid refueling until the evening (i.e., after 6 p.m.)
- ☐ Keep travel speeds at the speed limit and steady
- ☐ Change work schedules to avoid the commute
- ☐ Other (Please specify): _____

7c) Specific Suggestions being Made to the Public on Pollution Episode Days to Reduce Area Source Emissions (Check all that apply):

- ☐ No suggestions are made to the public to reduce area source emissions
- ☐ Avoid using gasoline-powered garden equipment (lawnmowers, blowers, etc)
- ☐ Avoid using charcoal lighter fluid
- ☐ Avoid household maintenance activities that produce emissions (painting, degreasing, etc)
- ☐ Other (Please specify): _____

7d) Does the program include a *company participation element* whereby local businesses notify their employees when an air pollution episode occurs and inform them of actions they can take to help?

- ☐ Yes ☐ No (Skip to Question 7g)

7e) Specific Travel-Related Suggestions that the Program Encourages Companies to Make to Their Employees on Pollution Episode Days (Check all that apply):

- ☐ No measures are suggested by the program
- ☐ Use alternative modes of transportation for the commute to and from work (car/vanpools, transit, etc)
- ☐ Avoid driving at lunch time (eat lunch at work)
- ☐ Keep vehicle tuned-up
- ☐ Work from home (telecommute)
- ☐ Avoid refueling until the evening (i.e., after 6 p.m.)
- ☐ Keep travel speeds at the speed limit and steady
- ☐ Change work schedules to avoid the commute
- ☐ Other (Please specify): _____

7f) Temporary Policy Changes that the Program Encourages Companies to Make on Pollution Episode Days (Check all that apply):

- ☐ No measures are suggested by the program
- ☐ Postpone fleet refueling until the evening (i.e., after 6 p.m.).
- ☐ Use fleet vehicles to attend lunch and meetings
- ☐ Use conferencing technologies instead of face to face meetings
- ☐ Other (Please specify): _____

7g) Does the program include a *stationary source element* whereby participating industries voluntarily take actions to reduce emissions on pollution episode days?

- ☐ Yes ☐ No (Skip to Question 7i)

7h) Specific Suggestions made to Stationary Sources on Pollution Episode Days (Check all that apply):

- ☐ Reduce high-emitting production activities
- ☐ Avoid maintenance activities (painting, degreasing, tank cleaning, etc)
- ☐ Postpone landscaping activities (lawn mowing, tractor & backhow use, etc.)
- ☐ Switch to cleaner burning fuels
- ☐ Other (Please specify): _____

7i) Forecasting Pollution Episodes:

Agency or organization providing the weather forecasts: _____

Agency or organization forecasting the pollution episodes: _____

*Standards/methodologies used for making pollution episode determinations:*Parameters examined to forecast episode day: _____

Method used to forecast episode day:

- | | |
|---|---|
| <input type="checkbox"/> Persistence | <input type="checkbox"/> Meteorological Intuition |
| <input type="checkbox"/> Empirical | <input type="checkbox"/> Algorithm based |
| <input type="checkbox"/> Other (<i>Please specify</i>): _____ | |

Please discuss how the method was developed: _____

_____Please discuss how accurate the method is and whether data on accuracy are available: _____

_____7j) Groups Notified of a Forecasted Pollution Episode (*Check all that apply*):

- | | |
|---|--|
| <input type="checkbox"/> Television stations | <i>Method of notification (fax, phone, etc):</i> _____ |
| <input type="checkbox"/> Radio stations | <i>Method of notification (fax, phone, etc):</i> _____ |
| <input type="checkbox"/> Newspapers | <i>Method of notification (fax, phone, etc):</i> _____ |
| <input type="checkbox"/> Participating Stationary Sources | <i>Method of notification (fax, phone, etc):</i> _____ |
| <input type="checkbox"/> Participating Employers | <i>Method of notification (fax, phone, etc):</i> _____ |
| <input type="checkbox"/> Gas stations | <i>Method of notification (fax, phone, etc):</i> _____ |
| <input type="checkbox"/> Other (<i>Please specify</i>): _____ | |

After being notified of a pollution episode, how do the *television stations* report this information to the public? Check all that apply. (*skip this question if television stations are not notified*)

- ☐ Mentioned in the news report ☐ Discussed in the weather forecast
☐ A public service announcement is broadcast
☐ Other (*Please specify*): _____

After being notified of a pollution episode, how do the *newspapers* report this information to the public? Check all that apply. (*skip this question if newspapers are not notified*)

- ☐ Included with the Pollutant Standard Index (PSI) report
☐ Mentioned in an article
☐ Space is allocated for an announcement
☐ Other (*Please specify*): _____

After being notified of a pollution episode, how do the *radio stations* report this information to the public? Check all that apply. (*skip this question if radio stations are not notified*)

- ☐ A public service announcement is broadcast
☐ Radio hosts make announcements
☐ Mentioned in the news report
☐ Other (*Please specify*): _____

After being notified of a pollution episode, how do the *gas stations* report this information to the public? Check all that apply. (*skip this question if gas stations are not notified*)

- ☐ Through the use of gas station flags
☐ Messages on gas pumps
☐ Other (*Please specify*): _____

7k) Education/Outreach

Agency/organization in charge of public education & outreach: _____

Methods used to inform the public about the program (*Check all that apply*):

- ☐ Television advertisements ☐ Radio advertisements
☐ Newspaper advertisements ☐ Billboard advertisements
☐ Internet web site ☐ Workshops (for schools, industry, public)
☐ Public education booths at community events
☐ Creation and dissemination of public education materials
☐ Provide information to participating employees through their employers
☐ Other (*Please specify*): _____

Was a survey conducted, or is one being planned, to establish a baseline of existing knowledge about the program? ☐ Yes ☐ No (*Skip to Question 7l*)

Was a follow up survey conducted, or is one being planned, to test the effectiveness of the outreach program? ☐ Yes ☐ No

7l) Legal Authority

Are there any local or state laws/regulations that mandate the existence of the program?

- ☐ No
☐ Yes (*If Yes, please specify the law or regulation*): _____

7m) Enforceable Commitments

Is the program included in a State Implementation Plan (SIP) or maintenance plan or do stationary sources include it in their permits?

- ☐ Yes ☐ No

8) Program Funding and Administration

8a) Funding Sources for Each Agency Involved in the Program

In the spaces below please provide the funding source for each agency, and the funding duration (i.e., year long or seasonal funding).

	<u>Agency</u>	<u>Funding Source</u>	<u>Funding Duration</u>
<i>Example:</i>	<i>APCD</i>	<i>ISTEA, CMAQ</i>	<i>Seasonal (May - Sept.)</i>
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

8b) Budget

1996 Budget: _____

In the spaces provided below please provide a budget breakdown for each budget area (i.e., administration, public outreach, data collection etc):

	<u>Agency</u>	<u>Budget Area</u>	<u>Amount (\$)</u>
<i>Example:</i>	<i>APCD</i>	<i>Administration</i>	<i>\$75,000 / yr</i>
	<i>APCD</i>	<i>Public outreach</i>	<i>\$25,000 / yr</i>
	<i>ABC Consultant</i>	<i>Analysis</i>	<i>\$25,000 / yr</i>
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

Is the program's current fiscal year (1996) budget an adequate amount of funding to fulfill the programs goals? ☐ Yes ☐ No

How would the program use an additional \$100,000? _____

How would the program use an additional \$200,000? _____

8c) In-Kind Contributions (Donations, Services Provided by Corporations/Agencies):

8d) Staffing (For each category below, please indicate the number of staff working on the episodic control program)

	<u>Paid</u>	<u>Volunteer</u>	<u>Total</u>
Number of full-time staff (or full-time equivalents) at the <i>main agency</i> implementing the program	_____	_____	_____
Number of full-time staff (or full-time equivalents) at <i>other agencies</i> affiliated with the program	_____	_____	_____

9) Program Participation

9a) Predicted Participation Levels:

Were estimates of participation levels made prior to the start of the program?

☐ Yes

☐ No (*Skip to the Question 9b*)

If Yes, please indicate the predicted number of participants for each of the following groups:

	#
Stationary sources	_____
Employers	_____
Individual drivers	_____
Users of non-road engines (garden equipment, etc)	_____
Users of woodburning stoves	_____
Other (<i>Please specify</i>): _____	_____

9b) Actual Participation Levels:

Are actual program participation levels being tracked?

☐ Yes

☐ No (*Skip to the Question 9c*)

If Yes, please indicate the number of participants for each of the following groups:

	#
Stationary sources	_____
Employers	_____
Individual drivers	_____
Users of non-road engines (garden equipment, etc)	_____
Users of woodburning stoves	_____
Other (<i>Please specify</i>): _____	_____

9c) Incentives Offered to Encourage Employer Participation:

- ☐ Public recognition
 ☐ Flexibility on local permits
☐ Other (*Please specify*): _____

9d) Incentives Offered by Employers to Encourage Participation by their Employees:

- ☐ No incentives are being offered
 ☐ Free or discounted transit fares
☐ Allow flexible work schedules
 ☐ Free or discounted lunches
☐ Preferential parking for car/vanpools
☐ Guaranteed emergency rides home for employees who car/vanpool or take transit
☐ Other (*Please specify*): _____

9e) Incentives Offered to Encourage Participation by the General Public (*Check all that apply*):

- ☐ No incentives are being offered
 ☐ Free transit
☐ Transit discounts
 ☐ Auto repair / tune-up discounts
☐ Monetary rewards
☐ Other (*Please specify*): _____

9f) Data Collected to Estimate Participation Levels (*Check all that apply*):

- ☐ No data is being collected
 ☐ Transit ridership levels
☐ Gas sales data
 ☐ Traffic counts
☐ Employee participation rates provided by participating employers
☐ Information provided by participating stationary sources
☐ Information provided by participating companies which use non-road engines (i.e., landscaping companies reporting that they didn't use lawn mowers for the day)
☐ Other (*Please specify*): _____

10) Program Evaluation

10a) What were the original expectations about the effectiveness of the program?

10b) How was the participation data collected in Question 9f? (*Check all that apply*):

- ☐ Surveys completed by the general public
- ☐ Surveys completed by participating stationary sources and companies/employers
- ☐ Communication with participating stationary sources and companies/employers via telephone, fax, e-mail, or in-person interview.
- ☐ Received gas sales data from oil companies & refineries
- ☐ Received transit ridership level data from transit agency
- ☐ Other (Please specify): _____

10c) Are there other data that you would like to have collected that you did not?

☐ No

☐ Yes (*Please specify*): _____

10d) Was a quantitative analysis of the effectiveness of the program performed?

☐ No

☐ Yes (*Please discuss*): _____

10e) Have any other organizations evaluated the program?

☐ No

☐ Yes (*Please discuss*): _____

10f) In the space provided please discuss any problems or pitfalls that were encountered during the implementation or evaluation of the program.

10g) In the space provided please discuss what parts of the program have been most successful.